Figure 1

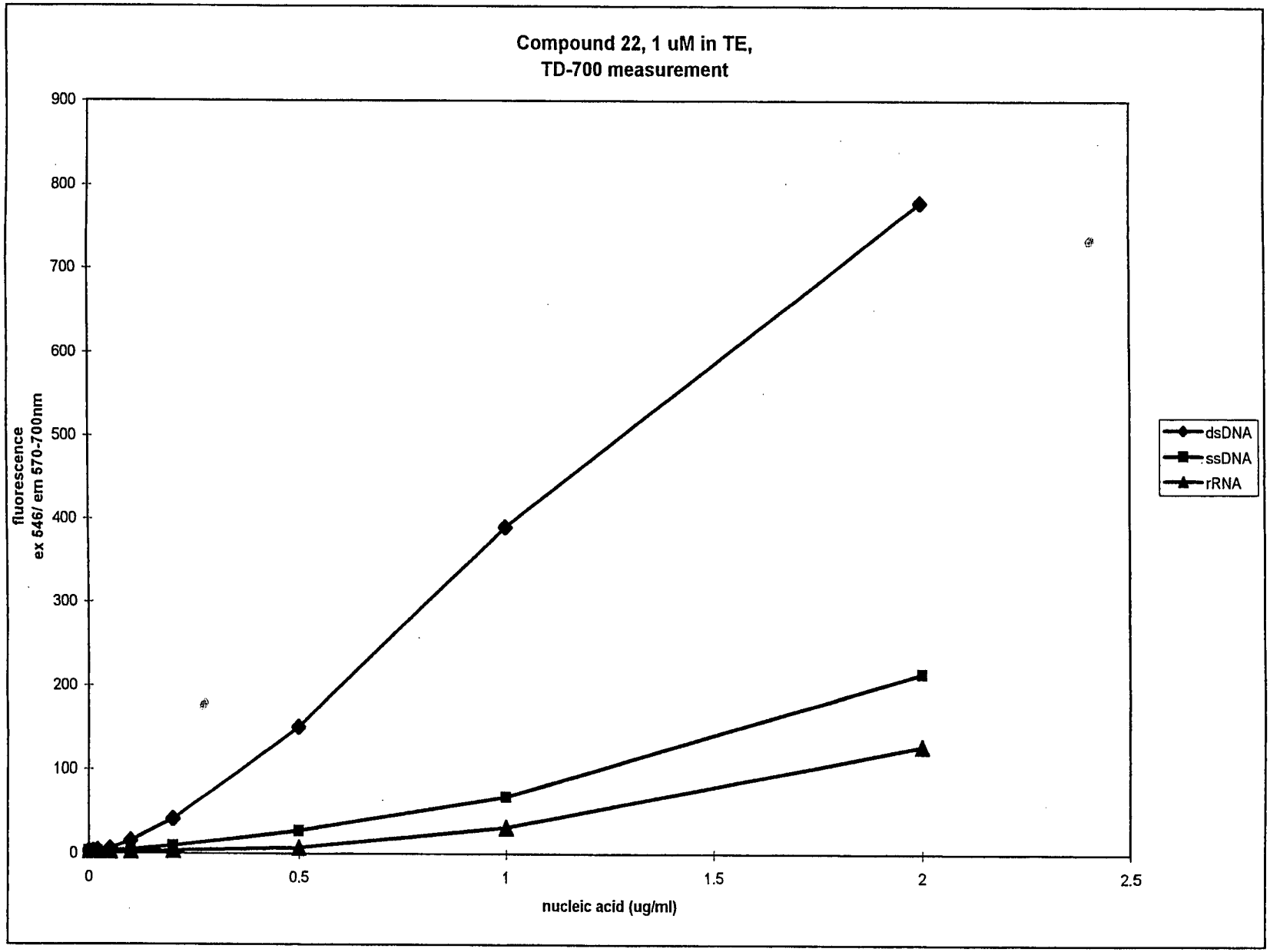

Compound 22, 1 uM in TE,
TD-700 measurement
fluorescence
ex 546/ em 570-700nm
900
800
700
600
500
400
300
200
100
0
0
0.5
1
1.5
2
2.5
nucleic acid (ug/ml)
dsDNA
ssDNA
rRNA

Figure 2

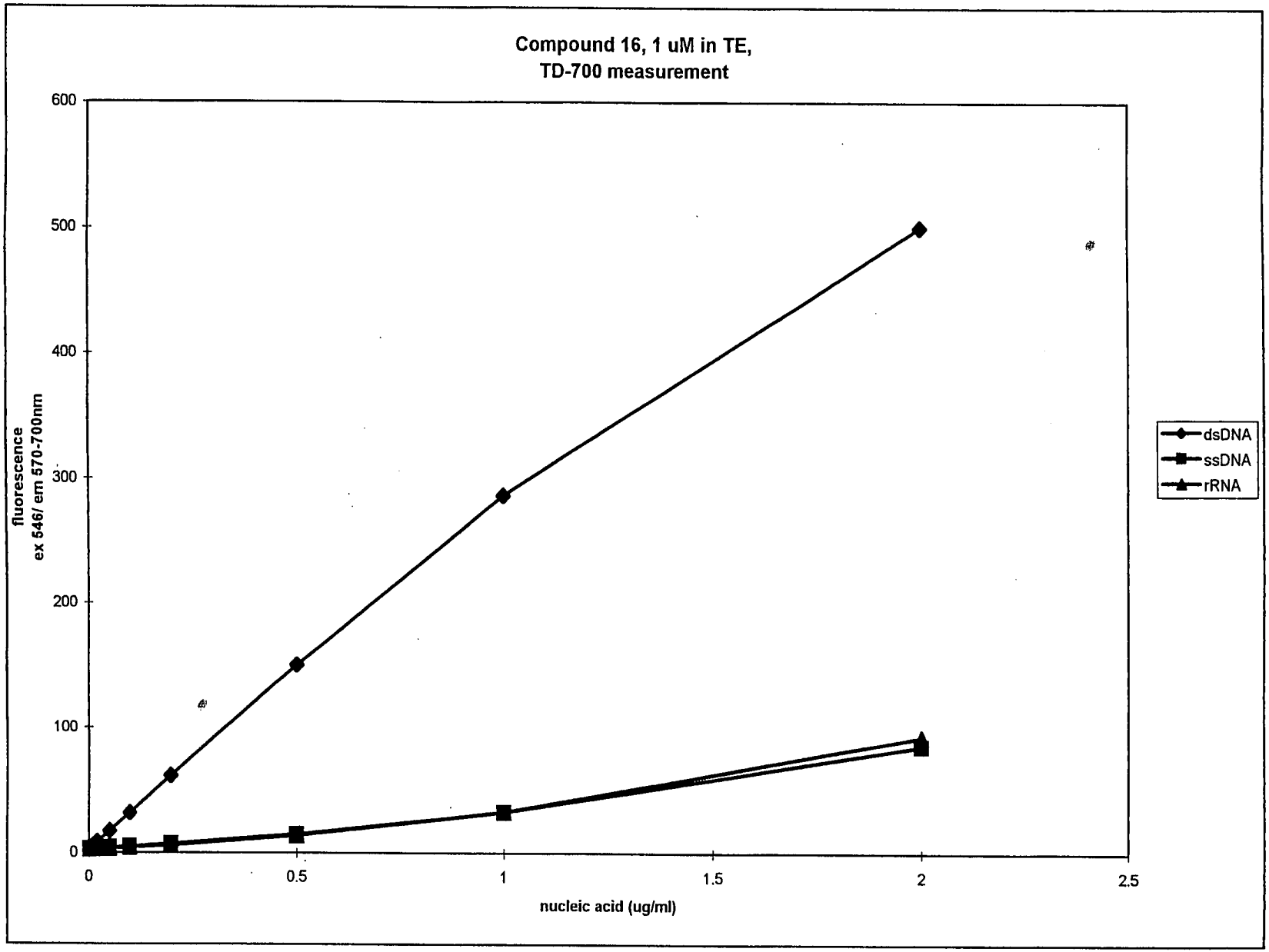

Compound 16, 1 uM in TE,
TD-700 measurement
fluorescence
ex 546/ em 570-700nm
600
500
400
300
200
100
0
0
0.5
1
1.5
2
2.5
nucleic acid (ug/ml)
dsDNA
ssDNA
rRNA

Figure 3

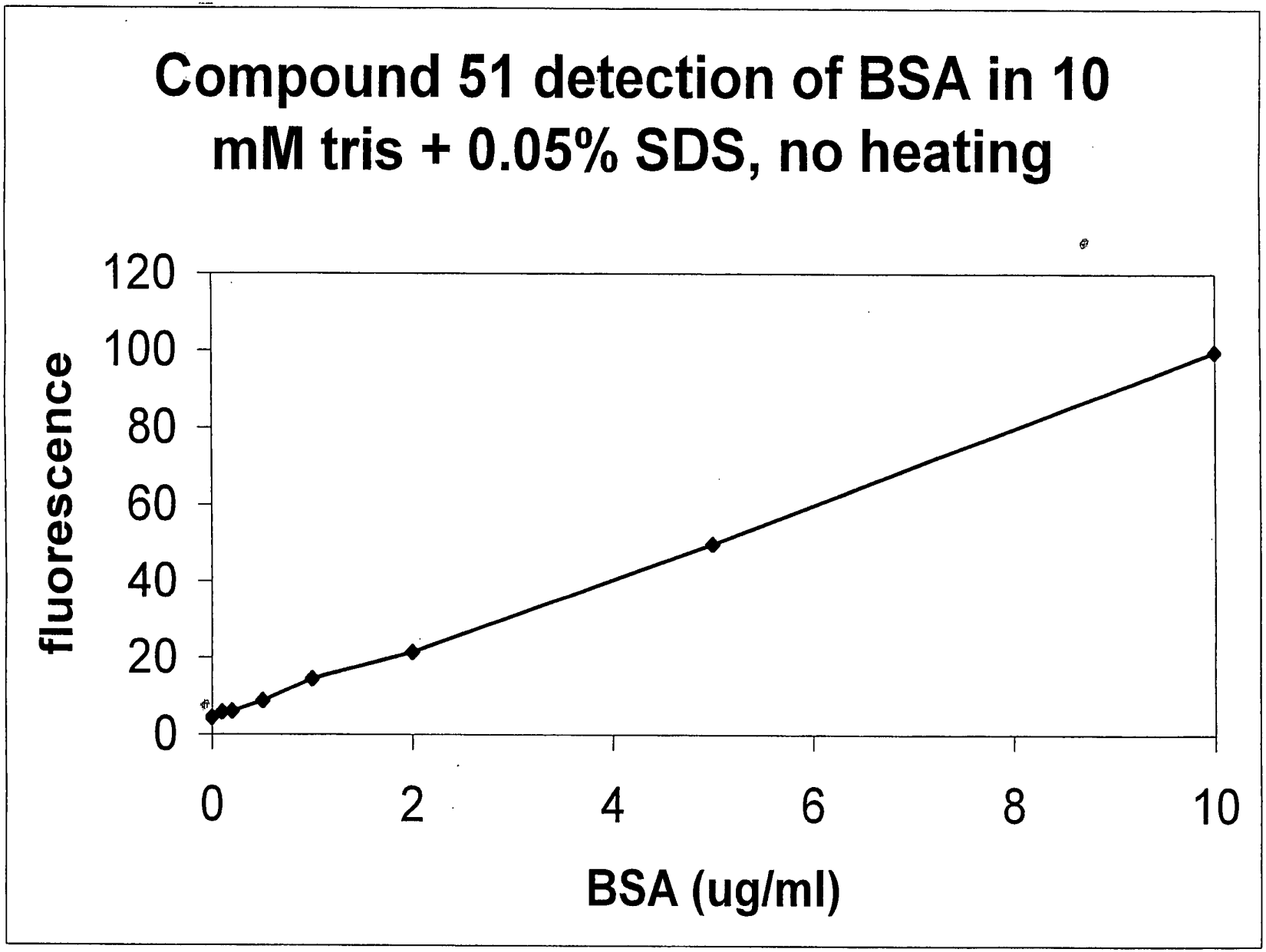
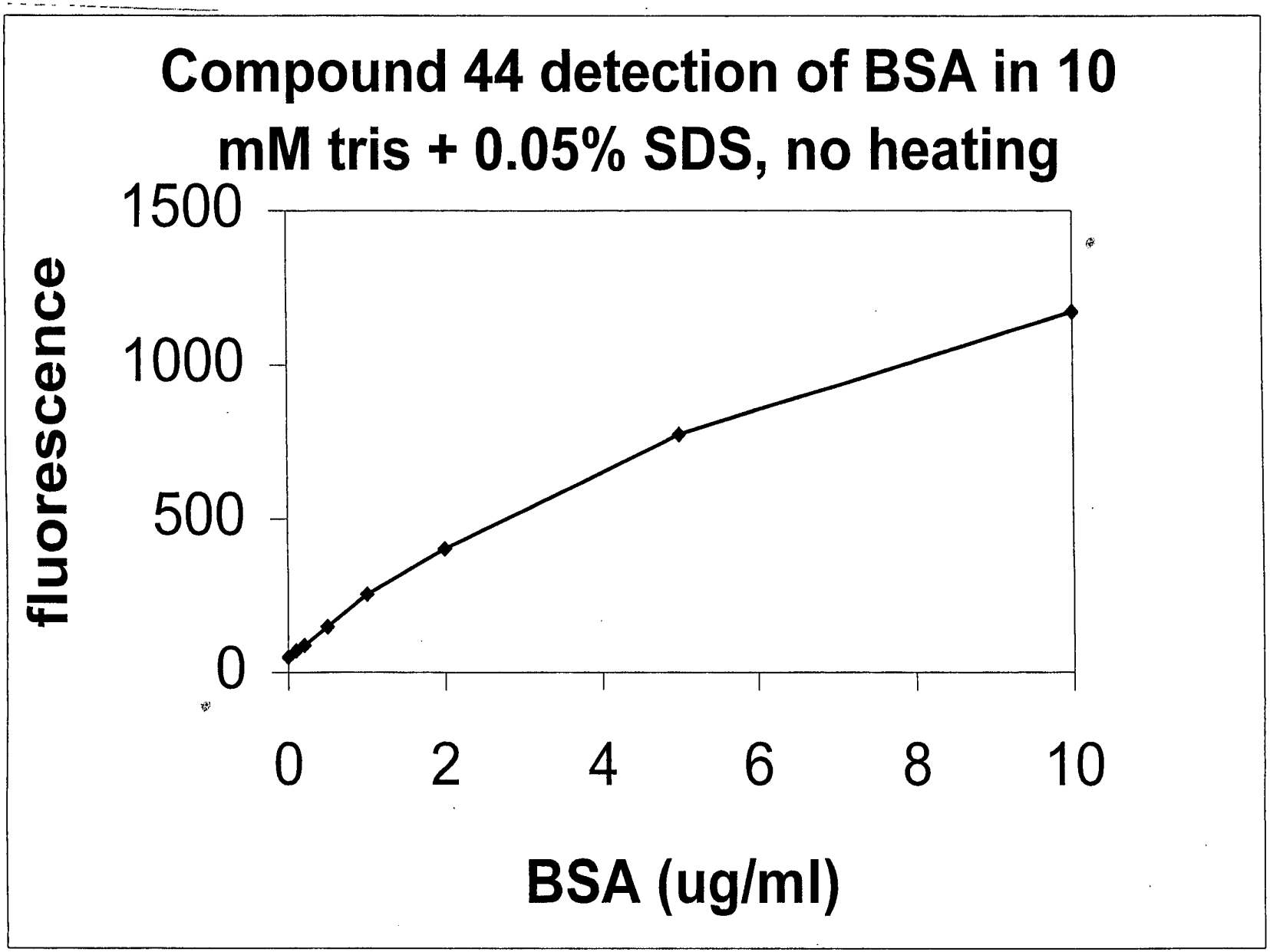

Compound 51 detection of BSA in 10 mM tris + 0.05% SDS, no heating
fluorescence
120
100
80
60
40
20
0
0
2
4
6
8
10
BSA (ug/ml)

Figure 4


Compound 44 detection of BSA in 10 mM tris + 0.05% SDS, no heating
fluorescence
1500
1000
500
0
0
2
4
6
8
10
BSA (ug/ml)